

Chapter 18 Moisture, Clouds, and Precipitation**Section 18.3 Cloud Types and Precipitation**


This section describes different types of clouds, including fog. It also explains how precipitation forms and describes different types of precipitation.

Reading Strategy

As you read, add definitions for the vocabulary terms. For more information on this Reading Strategy, see the **Reading and Study Skills** in the **Skills and Reference Handbook** at the end of your textbook.

Vocabulary Term	Definition
Cirrus	a.
Cumulus	b.
Stratus	c.
Coalescence	d.

Types of Clouds

1.  Is the following sentence true or false? Clouds are classified based on form and height. _____
2. The three types of _____ clouds are cirrus, cirrostratus, and cirrocumulus.
3. Which photograph shows cumulus clouds? _____
4. Which photograph shows cirrus clouds? _____



A.



B.

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5. How can you tell from the name of a cloud if it is a middle-range cloud?

6. Circle the letter of each cloud type that is a low cloud.

- a. stratus
- b. altostratus
- c. stratocumulus
- d. nimbostratus

Fog

7. 🗣 Define *fog*. _____

8. Is the following sentence true or false? Fogs can be formed by cooling or by evaporation. _____

How Precipitation Forms

9. 🗣 What must happen for precipitation to form? _____

10. Formation of precipitation in cold clouds is called the _____ process.

11. Is the following sentence true or false? In warm clouds, raindrops form by the Bergeron process. _____

12. Circle the letter of the word that describes water in the liquid state below 0°C.

- a. supersaturated
- b. coalesced
- c. saturated
- d. supercooled

Forms of Precipitation

Match each description with its form of precipitation.

Description	Form of Precipitation
_____ 13. small particles of ice	a. hail
_____ 14. drops of water that fall from a cloud and have a diameter of at least 0.5 mm	b. sleet
_____ 15. ice pellets with multiple layers	c. rain